

Forest View Acres Water District

Operations Report –June/July 2013

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ORC Water Professionals

Arapahoe Water Plant

- The well pump VFD faulted on July 7th. It was diagnosed as a down-hole problem on July 9th.
- The well pump motor was pulled and found to be at fault. The motor was replaced with a Franklin Electric replacement of the most recent model.
- The motor is under investigation by the manufacturer for cause of the fault.
- Applied Ingenuity recommends installing surge protection on the incoming power and filtering of the outputs on the VFD. Please see the attached quote to do so. (available at the meeting)
- It was initially thought that the power cable to the well was faulty and needed to be replaced. However, after some further testing Applied Ingenuity is not recommending replacement of the cable.
- A galvanized fitting on the filter skid sprung a leak in mid July and had to be replaced.

Surface Water Plant

- The Surface plant has been running well.
- Golder has been out to tweak the programming on the PLC. Operation has been more consistent since.
- We believe there is a leak/break in our piping just downstream of the inlet as water is running in places it never did before the re-model of the inlet.
- The bypass/cleanout piping at the inlet box is clogged and will need to be reamed out.
- The eyebolt for the chain at the base of the stairs going to the inlet has been pulled out of the rock.
- We still need to order signage to place at the inlet.

Distribution System

- A line break occurred at 18230 Forest View Rd on 6/25/13. The main was leaking where there had been a previous repair clamp to address an abandoned and improper saddle tap for the home. There was significant landscaping damage due to the dig and was fixed by Sharpest Cut.
- Three valves were replaced in the intersection of Aspen Way and Forest View that were inoperable.